

COMBINING NARROWBAND APPLICATIONS WITH BROADBAND TRANSPORT

ABSTRACT

The combination of narrowband applications with broadband transport may be enabled with a tri-level nodal architecture including a call control node having switching intelligence and narrowband switching fabric, at least one connection control node having broadband switching fabric and an intermediate node for interworking between the call control node and the connection control node. The call control node further includes a load distribution function for distributing the load amongst a plurality of call processors within the intermediate node. In certain embodiments, the load distribution function assigns the call processors on a per call basis. The assigned call processor is used for encoding all messages

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transmitted from the call control node to a selected
connection control node for the call.